



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND
POLLUTION PREVENTION

OFFICE OF PESTICIDE PROGRAMS
REGISTRATION DIVISION (7505P)

25/JAN/2018

MEMORANDUM

Subject: Name of Pesticide Product: Flumioxazin 44% SC
EPA Reg. No. /File Symbol: 85678-LG
DP Barcode: D445206
Decision No: 536069
Action Code: R300
PC Code: 129034 (flumioxazin)

From: Eugenia McAndrew, Biologist *Eugenia McAndrew*
Chemistry, Inerts and Toxicology Assessment Branch
Registration Division (7505P)

Through: P.V. Shah, Ph.D., Chief *P.V. Shah*
Chemistry, Inerts and Toxicology Assessment Branch
Registration Division (7505P) *1/25/2018*

To: Nathan Mellor, Risk Management Team 20
Fungicide and Herbicide Branch
Registration Division (7505P)

Applicant: RedEagle International LLC
c/o Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
Flumioxazin	44.0
<u>Other Ingredients:</u>	<u>56.0</u>
Total:	100.0%

ACTION REQUESTED: Similarity determination for 85678-LG, proposed product, and 71368-113, cited product.

BACKGROUND: RedEagle International LLC has applied for registration of Flumioxazin 44% SC, EPA File Symbol 85678-LG, claiming to be substantially similar to Panther SC AG Herbicide, EPA Reg. No. 71368-113. Both products contain 44% flumioxazin. The submission includes a basic CSF dated November 13, 2017, label, data matrix and company letter.

The registrant is using the cite all method of data support to satisfy the acute toxicity data requirements. A search of the OPP electronic databases shows that six acute toxicity studies were submitted to support the registration of the cited product. They were reviewed and classified as acceptable in a 2015 CITAB memo (Keigwin; D423921; EPA File Symbol 71368-RRG; 22/JAN/2015).

RECOMMENDATIONS:

1. We compared the basic CSFs and labels of the proposed product, 85678-LG, and the cited product, 71368-113, and determined that the two products are substantially similar.
2. The acute toxicity profile for the proposed product, Flumioxazin 44% SC, EPA File Symbol 85678-LG, based on 71368-113, is as follows:

acute oral toxicity	IV	cited	EPA Reg. No. 71368-113
acute dermal toxicity	IV	cited	EPA Reg. No. 71368-113
acute inhalation toxicity	IV	cited	EPA Reg. No. 71368-113
primary eye irritation	IV	cited	EPA Reg. No. 71368-113
primary skin irritation	IV	cited	EPA Reg. No. 71368-113
dermal sensitization	negative	cited	EPA Reg. No. 71368-113

3. The proposed basic CSF submitted for 85678-LG must be reviewed and accepted by the product chemists in the Chemistry, Inerts and Toxicology Assessment Branch.

LABELING: Based on the toxicity profile, the following are the precautionary and first aid statements for this product as obtained from the Label Review System:

PRODUCT ID #: 85678-LG

PRODUCT NAME: Flumioxazin 44% SC

PRECAUTIONARY STATEMENTS

SIGNAL WORD: CAUTION
(optional)

Hazards to Humans and Domestic Animals:

Wear long-sleeved shirt and long pants, socks, shoes.

First Aid: No statements are required. Toxicity Category III statements may be used.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.